



New Mexico ESC -- A Decade in Review

Highlights of GESPC Successes from program to projects

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2019

April 21, 2019 -- The New Mexico General Services Department has launched a \$32 million project with Trane to improve energy efficiency of state buildings in Santa Fe that will include solar power, the state government's first battery storage system, the first state electric vehicles and electric charging stations.

The project is one of the largest GESPC in New Mexico and addresses Gov. Michelle Lujan Grisham's executive order requiring state agencies to curb their carbon footprints. The state legislature authorized \$20 million to help pay for the \$32 million project, with the remaining \$12 million to be financed by the bonds issued by the New Mexico Finance Authority. The project guarantees New Mexico will see a savings of \$1.1 million a year.

2018

JANUARY 29, 2018 --- Bernalillo County's Metropolitan Detention Center is getting \$13.9 million in energy upgrades. Commissioners voted unanimously in December to enter a guaranteed energy performance contract with Yearout Energy Service Co.. In addition to lighting, controls and hvac improvements, the project will also include the installation of a 1.5 megawatt solar pv system.

The upgrades will reduce MDC's energy consumption by 32 percent and save the county 47 percent in utility costs for the 500,000-square-foot jail. The county is expecting to save \$472,000 on MDC's electric bill and \$23,000 on the jail's natural gas bill during the first year alone. Construction will be completed in Spring 2019.

2017

AUGUST 11, 2017 -- New Mexico was presented the ESC's 2017 Energy Stewardship Champion award in recognition of the state's outstanding accomplishments in leveraging Guaranteed Energy Savings Performance Contracting (GESPC) to achieve energy savings,

infrastructure modernization, environmental stewardship, and economic development.

New Mexico was among 12 state Champions recognized for this award during the closing ceremonies at the ESC's Market Transformation Conference in Henderson, Nevada.

2016

NOVEMBER 14, 2016 -- New Mexico State University is expected to save more than \$1.3 million annually thanks to a GESPC between NMSU and Ameresco. The contract, which was completed in December 2015, has allowed NMSU to generate 51 percent of its own power during the 2016, meaning the university has produced more power than it has bought from El Paso Electric. NMSU has also reduced electricity and natural gas consumption, and reduced the production of 24.9 million pounds of carbon dioxide.

AUGUST 11, 2016 -- August 11, 2016: ESC President Tom Walther, presented the first ESC Energy Stewardship Awards to 10 states at the 5th Annual Market Transformation Conference. New Mexico was recognized for a combination of the state's leadership, programmatic design, and the amount of private sector investment in guaranteed energy savings performance contracting in the state.

As of 2016, more than \$43 million in energy savings projects had been implemented in New Mexico as a result of a GESPC.

AUGUST 11, 2016 -- Dr. Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency, U.S. Department of Energy, recognized New Mexico during the 5th Annual ESC Market Transformation Conference for their efforts in promoting Guaranteed Energy Savings Performance Contracting. Dr. Hogan recognized New Mexico for its partnership in the DOE's ESPC Accelerator Program, and the state's \$50 million pledge toward reaching the Department's \$2 billion goal for public-sector energy efficiency GESPC investments at the state and local level. The goal covers the period from January 2013 to December 2016.



Erica Velarde (second from left) represents New Mexico with six other states on stage with Dr. Kathleen Hogan as participants in the U.S. DOE's ESPC Accelerator Program.

2015

AUGUST 8, 2015 -- Just 10 months into a GESPC, New Mexico State University is seeing big savings so far in its utility bills. The campus has seen about 17 percent in savings in the campus' electrical use, and about 25 percent in heating, ventilation and air conditioning. Contract work is still being conducted, but the university has seen about \$1.32 million in savings to date. The NMSU Board of Regents voted last year to approve NMSU's 13-year, \$15.7 million, energy performance contract that allows NMSU to make improvements to 48 buildings, totaling nearly 3 million gross square feet.

MAY 31, 2015 -- New Mexico's energy efficiency program for government entities. WISE, which stands for Whole-building Investments for Sustainable Efficiency, has added seven ESCOs to its list of pre-qualified vendors. WISE, coordinated by the Energy Conservation and Management Division of the Energy, Minerals and Natural Resources Department, provides a standardized process for government entities, including state agencies, public school districts, public colleges and universities and municipal and county governments to implement energy performance projects.

2014

OCTOBER 14, 2014 -- New Mexico was awarded a \$300,000 DOE contract to implement a program to remove barriers to energy efficiency and renewable energy investments by providing guidance to local governments relating to Guaranteed Energy Saving Performance Contracts (GESPCs). The grant's objective is to increase demand for energy efficiency measures in public facilities among New Mexico's 33 counties and 105 municipalities, and reduce the energy usage of local government facilities by utilizing the GESPC process.

2012

AUGUST 30, 2012 -- New Mexico ESC Chapter Public Sector Chair, Brian Johnson, reported the Chapter which started in January 2012 -- now has 24 members. The Chapter has developed a standardized power-point for members to use in presentations, as well as having conducted a bottleneck analysis that identified barriers to ESPC implementation. The State Energy Office is embarking on project WISE (Whole Building Investments for Sustaining Efficiency) to help promote GESPC in the state.